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# NEC MultiSync® LCD2090UXi

**High-end 20 inch professional LCD monitor for CAD/CAM, DTP, sophisticated office applications and medical sectors with outstanding features and benefits for best picture quality, ergonomics and economy.**

- High performance S-IPS A-TW TFT display
- Innovative features such as AmbiBright, AutoBright, TileMatrix & TileComp or OverDrive On/Off
- Outstanding ergonomics with ErgoDesign® and TORO™: Height-adjustable stand (150 mm) with 90° portrait capability
- Best economy, reduced Total Cost of Ownership and extended lifetime with multiple power saving features such as Ambient Light Sensor, EcoModes, Power Off timer and Scheduler
- Extraordinary features such as QuickRelease stand, CableComp, ColorComp, OSD KeyGuide or self diagnostics

see more.

NEC Display Solutions

# NEC MultiSync® LCD2090UXi

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Panel Technology | S-IPS A-TW Pol (Super IPS with Advanced True Wide Polarizer) |
| Screen Size [inch/cm] | 20.1/51.0 |
| Pixel Pitch [mm] | 0.255 |
| Viewing Angle | 178° horizontal / 178° vertical (typ. at contrast ratio 10:1) |
| Contrast Ratio (typ.) | 700:1 |
| Brightness (typ.) [cd/m²] | 280 |
| Response Time (typ.) [ms] | 8 (grey-to-grey), 16 (9 white / black; 7 black / white) |
| Colours [Mio.] | 16.77 |
| Horizontal Frequency [kHz] | 31.5 - 91.1 |
| Vertical Frequency [Hz] | 50.0 - 85.0 |
| Optimum Resolution | 1600 x 1200 at 60 Hz |
| Other Resolutions | 1200 x 1600; 1280 x 1024; 1280 x 960; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480 |
| Connectors | 3 (Digital: 1 x DVI-D; Digital/Analog: 1 x DVI-I; Analog: 1 x D-sub 15 pin) |
| Plug & Play | VESA DDC/CI; DDC2B/2Bi; EDID Standard |
| Adjust Functions | Auto Adjust; Colour Temperature Control; Fine Adjust (analog); Sharpness; Brightness; Contrast; Intelligent Power Management; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; Black Level; Expansion Mode; On-Screen-Manager (OSM) lock-out; Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Language Select; User Menu; Advanced User Menu; Hotkeys |
| Safety and Ergonomics | CE; TCO´03; TÜV Ergonomics; TÜV GS; C-tick; GEEA/Energy label; Energy Star; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; PCBC/B-mark; PSB |
| Power Requirements on Mode [W] | 50 (max.) |
| Power Requirements Power-saving Mode [W] | 1 |
| Power Supply | 100 - 120 V/220 - 240 V; 0.68 A/0.29 A; integrated power supply |
| Ambient Temperature (operating) [°C] | 5 to 35 |
| Ambient Humidity (operating) [%] | 30 to 80 |
| VESA Mounting [mm] | 100 x 100 |
| ErgoDesign®: Height-adjustable stand [mm] | 150 |
| Dimensions (W x H x D) [mm] | 439.2 x 415.5 - 565.5 x 247.3 (Landscape mode) |
| Screen Tilt / Swivel [°] | -5 to +30 / -170 to +170 |
| Bezel Width [mm] | 14.6 (left and right) |
| Cable Management | yes |
| Kensington Lock | yes |
| Weight [kg] | 9.7 |
| Specials | Adjustable Power LED (colour and brightness); EcoModes; AmbiBright; AutoBright; Direct Brightness and Contrast; Auto Black Level; Auto Brightness; Auto Contrast; ambix³™, CableComp with Sync Continuity Detection; ColorComp; Rapid Response; RapidMotion; TileMatrix; TileComp; OmniColor™; TORO™ Design; DDC-CI; NaviSet® and NaviSet® Aministrator compatible; Real Time Clock with Scheduler (Power-On and Power-Off timer), Overdrive; Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Self Diagnostics; Quick Release Stand and Handle |
| Audio Functions | Option: MultiSync® Soundbar 90 |
| Colour Versions | Silver Front Bezel; Light Grey Back Cabinet; Black Front Bezel, Black Back Cabinet |
| Shipping Content | Monitor; Power Cable; Signal Cable DVI-A - VGA; Signal Cable DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual |
| Warranty | 3 years warranty incl. backlight |

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LCD2090UXi-UK-06/07

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